

5 METHOD AND SYSTEM FOR SIMPLIFYING THE USE OF DATA MINING
 IN DOMAIN-SPECIFIC ANALYTIC APPLICATIONS BY PACKAGING
 PREDEFINED DATA MINING MODELS

10 ABSTRACT OF THE DISCLOSURE

Development of domain-specific analytic applications
having predefined data mining models, including
identifying a business problem to be solved; selecting a
15 data mining algorithm appropriate for solving the
business problem; defining data schema for use as inputs
and outputs to and from the mining algorithm, the data
schema including input data schema and output data
schema; and defining a mining model based on the data
20 schema to solve the business problem; whereby a
domain-specific analytic application is developed, the
analytic application having at least one predefined data
mining model, the analytic application having the
capabilities of: populating the input data schema with
25 sample historical data; production training the mining
model using the sample historical data in the input data
schema, whereby a production trained mining model is
created; and production scoring production data using the
production trained mining model, production scoring
30 further comprising applying the production trained mining
model to production data.